

For Research Use Only

# FOXP3 Polyclonal antibody

Catalog Number: 22228-1-AP

81 Publications



## Basic Information

### Catalog Number:

22228-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG17571

### GenBank Accession Number:

BC113401

### GeneID (NCBI):

50943

### UNIPROT ID:

Q9BZS1

### Full Name:

forkhead box P3

### Calculated MW:

431 aa, 47 kDa

### Observed MW:

50-55 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:250-1:1000

IF-P 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP, ChIP, ELISA

### Species Specificity:

human

### Cited Species:

human, mouse, rat, pig

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: HEK-293 cells, A375 cells

IHC: human tonsillitis tissue,

IF-P: human tonsillitis tissue,

## Background Information

FOXP3, also named as IPEX, JM2 and Scurfin, is a transcription factor. FOXP3 plays a critical role in the control of immune response. Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) which also known as X-linked autoimmunity-immunodeficiency syndrome. This antibody is a rabbit polyclonal antibody raised against a peptide mapping within human FOXP3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ying Liu	36158119	Comput Math Methods Med	
Cheng Cheng	36150347	Phytomedicine	WB,FC
Kai Guo	34514877	Thyroid	

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

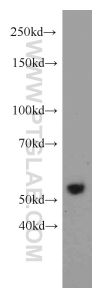
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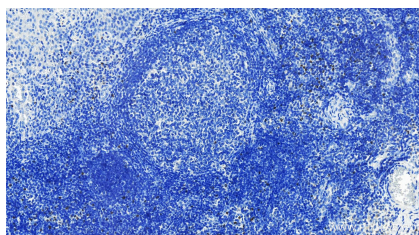
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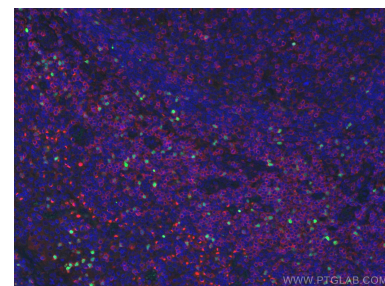
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 22228-1-AP (FOXP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 22228-1-AP (FOXP3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using FOXP3 antibody (22228-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CD3 antibody (60181-1-Ig, Clone: 3F3A1, red). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).